

ABSTRACT OF THE DISCLOSURE

A mechanism for enabling session information to be shared across multiple processes in a multi-process environment is disclosed. There is provided a shared persistent memory-mapped file in a file system, which is mapped to the memory space of

5 each of the processes. This file is used by all of the processes to store session information. Because the memory space of each process is mapped to the shared file, each process is able to access and manipulate all of the sessions in the system. Thus, sessions are no longer maintained on a process-specific basis. Rather, they are maintained on a centralized, shared basis. As a result, different requests pertaining to the

10 same session may be serviced by different server processes without any adverse effects. Each process will be able to access and manipulate all of the state information pertaining to that session. By enabling session information to be shared, this mechanism eliminates the session management errors experienced by the prior art.